Inspector Initials\_\_\_\_\_ Date\_\_\_\_\_

## SANITARY SEWER OVERFLOW (SSO) Field Notes - Part A

Per	mit #MO						Date:				
City	::::::::::::::::::::::::::::::::::::::		Addre	88.							
			/ idai o				Title:				
Cor	ntact Person	:					Title:				
	stem Descri										
1.	Service Are	a (of colle	ection system):							sq. mi.	
2.	Population	last censu) Droi	is or city survey):								
3. 4.	WWTF Des	sian Flow	cipitation: r: Average Day		<u>-</u>	MGD	Peak Da	ilv Flow		MGD	
	Act	ual Flow:	Average Flow	I (last 3 y	ears)					MGD	
			Peak Dry We	ather		MGD	Peak W	et Weather		MGD	
5.	Number of	Employee	es: Collection Sy	stem	<del>-</del>		WV	/TF	<del></del>		
6.	Number of	Service C	Lift Stations e Connections: Residential Industrial			Commerciai					
7.	Number of	Industries	G (discharging proce	ss wasten	vater)						
	Number of	Number of Satellite Communities (systems with separately maintai					tained collection systems)				
	Who is	responsil	ble for the satelli	te comn	nunity s	systems	? (by conta	ct/agreement?)			
			combined?				percen	t combined			
10.			sible for laterals? nitations.								
	Describ	e arry iiri	III.aliOHS								
	stem Invent								Other (p.	lease des	scribe):
11.	Number of	Access S	tructures: Manh	noles	<del>-</del>			_			
			Lamp Clear	onoies nouts	<del>-</del>			=			
12.	Number of	Pump Sta	ations <i>(obtain a list</i>		e, or see	space bel	low):	_			
13.	Number of	Inverted S	Siphons:					_			
14.	Number of	Relief Va	lves: Air		Vacuu	ım		Air/Vacuum_	-		
	lection Sys										
			anitary Sewer C					(Please app			y)
<u>Gravity Pipe</u> Age (years)			Diameter (inche		es) <i>and</i> material 8			12	Other (s	респу)	ecity)
7	0-25		•	O		10		12			
	26-50				<del>-</del> -						
	51+	;			_						
	orce Main		Diameter (inches	s) <i>and</i> m	naterial				Other (s	pecify)	
Α	ge (years)		6	8		10		12			
	0-25 26-50	;			=		_				
	51+				=						
Pip	e Materials:	Vitrified CI	av Pipe (VCP)		=	Polyviny	— /I Chloride (	PVC)		, an	proximate
·	Ductile Iron					Cast Iro	Cast Iron Concrete			— ·	rcentages
		Brick Other:			-	Other:	e				
Pur	np Stations				=	-					
	cility Name	Age	# pumps	pump a	ges (yr:	s)	Pump S	Specs			

Use additional pages, if necessary, to list additional pump stations (or obtain a list from the city).

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## Do not rely solely on your field notes. SANITARY SEWER OVERFLOW (SSO) Field Notes – Part B

System Performance (last 3 yrs)					
16. <i>F</i>	Are there any problematic areas of	the city for ove	erflows? Why?		
	Number of SSOs Total Reached Waters of Reported Number of issued Public Warnings	of the State	□Yes	□No □No □No	
	Comments:				- -
Eme	rgency/Corrective Maintenance				-
	Ory-weather stoppages  Main-line (regardless of overflowing)  Resulted in overflow  Resulted in a basement backup  Overflow reached waters of the state  Wet-weather overflows	Number	Avg Volumegalgalgalgal	Supplemental comr	nents, general causes, etc
	Manholes Basement Backups Service Line Cleanouts Constructed SSOs Other		gal gal gal gal		
	Main-line failures (emergency)  Non-emergency repairs  Main-line spot repairs  Main-line rehab.  Manhole spot repairs  Manhole rehab.		Total Lengthftft		
24. F	Pump station failures  Dry Weather  Wet Weather		<i>Avg Volume</i> gal gal		
Prev	entative Maintenance	No. of Staff dedicated	Total Length In		Documentation?
25. I	nspection Activities (last 3 years - cf  CCTV  Visual Manhole Inspection  Smoke Testing  Dyed Water Flooding  Other	neck all that are ap	oplicable)		□Yes □No □Yes □No □Yes □No □Yes □No □Yes □No
26. (	☐ Other Cleaning Activities (last 3 years - che ☐ Hydraulic Jet ☐ Rod Machines ☐ Hand Rodding ☐ Bucket Machines ☐ Chemical Root Control ☐ Chemical/Biological Grease Control ☐ Other		<u> </u>		□Yes □No
27. 1	Type and approximate age of equip	oment available	e (for inspecting, clean	ing, pumping, portable	

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Do not rely solely on your field notes.

28. Significant Problem Issues  ☐ Corrosion? ☐ Grease? ☐ Solids Buildup?  Other:	□Yes □No □Yes □No	☐ Odor? ☐ Roots? ☐ Illegal Dur	mping?	written pr □Yes □Yes □Yes □Yes	□No □No
Customer Service				cumenta	
29. Average number of complain 30. What are the common complain to the complain to the common complain to the complain to the common complain to the complain to the common complain to the common complain to the common complain to the complain to the common complain to the complain to t				□Yes □	]No
31. Do customer service record  Personnel receiving  Name, address, tele  To whom follow-up a  Location of problem  Actions taken to rese  Date the complaint/r  32. Is there a timeline goal for r  Percent resolved within  33. Comments:	the complaint/requestion was assigned by the problem equest was resolved esolution of completimeline goals:	ed aints? □Yes percer	☐ Date of ☐ Nature ☐ Date fo ☐ Cause ☐ Feedba ☐ Total d ☐No	f the co of com ollow-up of the p ack to c	mplaint/request plaint/request action was assigned problems
Emergency Preparedness  34. Describe the procedure for city website, on-call staff, who					nergency phone numbers or ov/modnrcag/ or phone/letter).
35. What are the procedures to	limit / mitigate the	SSO?			
36. Do overflow records include  ☐ Type of event (wet- ☐ Date and time report ☐ Event begin date an ☐ Location of SSO (GR ☐ Did overflow reach v ☐ Cause(s) of event ☐ Remediation / mitigat	or dry-weather SS0 ted to DNR (websited to DNR (websited time PS or address) vaters of the state?	O) te or phone)	□ Name o □ DNR si □ Event o □ Structu □ Name o □ How th □ Estima	of staff taff contend date fre (mare for affect fre overfi ted flow	reporting event tacted (or via website) e and time hhole or lift station ID) ted receiving water(s) low was stopped //volume of discharge
37. Are there means to limit put	olic access to affect	ted areas?		Yes D	]No
Procedures and Training			200 2 =	<del>-</del>	7N.L.
38. Is there a written emergenc	y response plan fo	r response to :	SSOs? L	Yes L	JNo
39. Possible written procedures  SSO reporting form Emergency respons SSO / bypass conta SSO problem evalua Procedure to clean to Private-source I&I re Confined space entr Other:  40. Are staff provided training of	(DNR form only? E e plan for response inment procedures ation / solution (failu up / mitigate of SSO duction program y program	IYes) e to SSOs ire cause and effe O effects (provid	ct) de sample)		
ζ.					

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## Long Term Planning and Rehabilitation

42.	Has city developed a program for maintenance and repair of the collection system (i.e. CMOM)?      Yes
43.	Does the city have an overall map of the collection system (paper or GIS)? □Yes □No Last Updated:  Does the map include □ pipe sizes, □ pipe material, □ pipe lengths, □ manhole depths, □ manhole material, □ manhole IDs, □ location of past SSOs, □ other:  Review and comment:
44.	Does the city have current operating and maintenance (O&M) manuals? ☐Yes ☐No Last Updated: Review and comment:
45.	Review the city budget for sewer. (Obtain a copy of the sewer budget if possible)  (a) Is water/sewer separate?   (b) Is revenue greater than the expenses?   (c) Is there a line item for operation and maintenance?   (d) Is there a line item for future replacement costs?   (e) Other comments:
46.	Has city developed / implemented a Capital Improvement Plan or Asset Management Plan?  Review and comment:  Last Updated:
47.	Does the city have a sewer use ordinance?     Yes
48.	Does the facility have a sewer rate ordinance?     Yes   No   Last Updated:
49.	Discuss recent / current sewer extensions and/or construction permits:
50.	Other comments:
Fie	Id Inspection

Complete manhole and lift station checklists as needed. It is recommended that the inspector observe at least 10 percent of the lift stations (up to a maximum of about four, or as needed) and at least five manholes (with a goal of one per watershed, one of each material type, one of the deepest, one of the oldest, etc.). If the city has reported any SSOs in the previous year, those manholes and/or lift stations should be observed. If the city has inspected any manholes within the previous year, a copy of the city's checklist/form should be obtained (if possible) and one of those manholes observed. These field observations are at the discretion of the inspector, depending upon the extent of the system and the time available.

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		Date